

TOTAL Polypropylene PPR 12232

Polypropylene Random Copolymer

TOTAL Refining & Chemicals

Message:

Polypropylene PPR 12232 is a high melt flow index, high transparency random copolymer. It has an excellent food compatibility thanks to its low odour, making it especially suitable for the production of food packaging and houseware products. Its high fluidity accounts for significant cycle time reduction. We hereby confirm that we do not use peroxide in the manufacturing of the above-mentioned Product.

General Information			
Features	Fast Molding Cycle		
	Food Contact Acceptable		
	High Clarity		
	High Flow		
	Low to No Odor		
Uses	Food Packaging		
	Household Goods		
Agency Ratings	EC 1907/2006 (REACH)		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.902	g/cm ³	ISO 1183
Apparent Density	0.53	g/cm ³	ISO 60
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	80	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	82		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1150	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	5.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature			
--	130	°C	ISO 306/A50
--	67.0	°C	ISO 306/B50

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